





Elongation	NNNN 1st Strand cDNA		Elongation Elongation Ist Strand cDNA		Elongation	NNNNN (N) 1st Strand cDNA		Elongation	Stran
Example 1:	agagagagacctcgagtaactataacggtcctaaggtagcga <u>ctaggtccgachnnnn</u> NH2-tctctctctggagctcattgatattgccaggattccatcgct ggatcc aggctc	Mme I	Example 2: $ \begin{array}{c} \textbf{Egi U} \\ \textbf{agaagaagaactaggcttcttaataggtga} \\ \textbf{agaagaagaactaggctgaagaattatccact} \\ \textbf{NH2tctctatcttgatccgaagaattatccact} \\ \textbf{Tst} \\ \textbf{Stran} \\ \textbf{Strans} \\ \textbf{Stran} \\ \textbf{Stran} \\ \textbf{Strans} \\$	Gsu I	AscI	agagagagaactaggcttcttaataggtga <mark>GGGGGGC</mark> tggagg-NNNNN(N) NH2-tctctatcttgatccgaagaattatccact <mark>CCGGGGG</mark> acctc 1 st Stran	Example 3:	Xma JI	agagagagagettagatgagagtgactegag eetagg teeaagNNNNN NH2-tetetetetegaatetacteteaetgagete <mark>ggatee</mark> aggttg 1 st
(B)agagagagac NH2-tctctctctg		B	·		B)			B NH2-

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tetaga tcaggactettetatagtgteaeettaaaagtetetetete-NH ₂ nn agatet agteetgagaagatateaeagtggattteagagagagag 2 nd Linker Xba I	gaattetcaggactattetatagtgteaeetaaagtetetetete 3' nn <u>ettaag</u> agteetgagaagatateaeagtggattteagagagagag 2 nd Linker Eco RI	gaattetcaggactattetatagtgteaectaaagtetetetete-3' nn <u>ettaag</u> agteetgagaagatateaeagtggattteagagagagag	NH	gaattetacgectetegategaategaategaategaate	טרט פרט פרט פרט פרט פרט פרט פרט פרט פרט	വ
tctagatcaggacte n <u>agatct</u> agtcctgag 2 nd Linker Xba I	gaattetcaggao nn <u>ettaag</u> agteetg 2 nd Linker Eco RI	gaatteteaggae Inn <u>ettaag</u> agteetg	Eco RI	gaatte <mark>tacgeete</mark> n <u>ettaag</u> atgeggag	2 nd Linker Eco RI	Fig.5
<u>205p.</u> m Tag	16bp Tag	16bp Tag		Zubp	Tag	
cctaggtccgad	Example 2:		AscI Example 3:	octagg tccaad ggatoc aggttg	1st Linker Xma JI	

Eco RI

Example 1:

tctaga. ...agatet nnnnnnnnnnnnnnnnn cagectgaateeaggetg nnnnnnnnnnnnnnnnnnn agatet tetaga ninninninninninninninnin gteggaectaggteegae ninninninninninninninnin

Xba I

Xba I

Xma JI

cagect ggatct NNNNNNNNNNNNNNNNNN cagect ggatct

Xba I

... agatet nnnnnnnnnnnnnnnnnn

Xma JI/Xba I

Xma JI/Xba I

Example 2:

6/6

...gaattc nnnnnnnnnnnnnnnn ctccacattcrggag nnnnnnnnnnnnnnnn gaattc "cttaag nnnnnnnnnnnnnnnn gaggiicircicctc nnnnnnnnnnnnnnn cttaag

Eco RI

Bgl II

Eco RI

gaatte nnnnnnnnnnnnnnn cetecaeccectggagg nnnnnnnnnnnnnn gaatte. cttaag nnnnnnnnnnnnnnn ggaggtoccoccactcc nnnnnnnnnnnnnnn cttaag

Eco RI

AscI

Eco RI

Example 3:

NINNINNINNINNINNINNINNIN caacctggatccaggttg Inninninninninninnin cttaag. ... cttaag

Eco RI

Fig.6 Xma JI